



Academic Health Committee

February 2025

February 13, 2025

8:30 a.m.

Boardroom, McNamara Alumni Center

AHC - FEB 2025

1. University Health Sciences Across the State: Rochester

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2. Updates on a Bold Vision for Healthcare

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BOARD OF REGENTS DOCKET ITEM SUMMARY

Academic Health

February 13, 2025

AGENDA ITEM: University Health Sciences Across the State: Rochester

Review

Review + Action

Action

Discussion

This is a report required by Board policy.

PRESENTERS: Lori Carrell, Chancellor, Rochester campus

PURPOSE & KEY POINTS

The purpose of this item is to provide an overview of the contributions that the Rochester campus makes to advance academic and clinical partnerships to serve the people of Minnesota. With a focus on health sciences, the campus is well positioned to advance the goal of fostering a healthier Minnesota through education, accessible care, innovation, and partnerships. The presentation will highlight the efforts in and around the Rochester campus to educate students and “expand access by reducing healthcare workforce shortages statewide.” It will also show Rochester’s important connection to the University’s new Health Sciences Strategic Plan and how the campus will interact with the plan.

BACKGROUND INFORMATION

This is the second of a four-part series in which the committee will learn about the various ways that the University fosters academic and clinical partnerships across the state.



Vision: The University of Minnesota Rochester will **inspire** transformation in higher education through innovations that **empower** our graduates to **solve** the grand health challenges of the 21st century.



UNIVERSITY OF MINNESOTA ROCHESTER



Overcome a growing healthcare crisis in rural, Tribal, and other underserved communities

FY26-27 BIENNIAL BUDGET REQUEST | \$45M

Minnesota’s health needs are changing rapidly, shaped by an aging population, strained health systems, and widening gaps in access to vital services. The University of Minnesota – one of the nation’s most comprehensive in human and animal health and the state’s only public university health system – is poised to address needs outlined in the Governor’s Task Force on Academic Health at the University of Minnesota.

Expand access to care and reduce staffing shortages — increasing the state’s workforce by nearly 3,000 health professionals over the next decade. This includes nurses, doctors, public health practitioners, patient care specialists and research coordinators, pharmacists, oral health professionals, veterinarians, among others.



Train more students in rural, Tribal, and other underserved communities to best serve those populations across the state.



Triple the number of mobile health and telehealth services statewide by working with local providers, serving up to 6,000 more patients a year.



Expand connections with local care providers and support the rapid translation of health research into patient care so Minnesotans can live happier and healthier lives.



The University of Minnesota System, with campuses in Crookston, Duluth, Morris, Rochester, and the Twin Cities, is driven by a singular vision of excellence. We are proud of our land-grant mission of world-class education, groundbreaking research, and community-engaged outreach, and we are unified in our drive to serve Minnesota.

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A POWERFUL FUTURE IN HEALTH CARE STARTS HERE

University of Minnesota Rochester programs and collaborations with Mayo Clinic and other health care innovators provide limitless possibilities for students to tailor their unique college experience. Students can reach their goals through an accelerated or early assurance option (Get Forward Faster), a pathway including six areas of focus that cover a breadth of opportunity in the health care space (Health Sciences & Medicine), or through clinical track rotations with Mayo Clinic School of Health Sciences (Health Professions).

UMR graduates are prepared to make a difference in the world through a career in health.

Pre-Med & Patient Care	Research, Discovery & Cures
<p>GET FORWARD FASTER</p> <ul style="list-style-type: none"> • Nursing • Physician Assistant • Chiropractic • Respiratory Care • MRI • Surgical First Assistant • Nuclear Medicine • Occupational Therapy • Pharmacy • Athletic Training • VetFAST <p>HEALTH PROFESSIONS</p> <ul style="list-style-type: none"> • Respiratory Care • Echocardiography • Radiography • Sonography <p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Pre-Med • Physical Therapy • Dentistry • Nutrition • Optometry 	<p>GET FORWARD FASTER</p> <ul style="list-style-type: none"> • Cytotechnology <p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Biochemistry • Genomics • Epidemiology • Regenerative Medicine • Research Technologist
Psychology & Mental Health	Business & Leadership
<p>GET FORWARD FASTER</p> <ul style="list-style-type: none"> • Integrative Health and Wellbeing Coaching <p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Social Work • Addiction and Recovery Counseling • Health and Wellness Coach • Child Life Specialist 	<p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Health Care Administration • Medical Device Sales • Pharmaceutical Sales • Clinical Coordinator • Supply Chain Specialist
Health Technology	Public Health
<p>GET FORWARD FASTER</p> <ul style="list-style-type: none"> • Medical Laboratory Science • Bioinformatics <p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Artificial Intelligence in Medicine • Digital Health • Health Informatics System Management and Support • Medical Device Innovation • Data Science • Prosthetics/Orthotics 	<p>GET FORWARD FASTER</p> <ul style="list-style-type: none"> • Environmental Public Health <p>HEALTH SCIENCES & MEDICINE</p> <ul style="list-style-type: none"> • Community Health • Education Specialist • Health Care Policy Reform • Global Health Educator



UMR HEALTH CAREER PATHWAYS: ACADEMIC PARTNERS

Partnership Program	Focus Area	Academic Partner	Degree(s) Earned	Career
Early Assurance Nursing	Pre-Med & Patient Care	U of M School of Nursing	BSN	Nurse
Early Assurance Occupational Therapy	Pre-Med & Patient Care	U of M College of Pharmacy	BSHS, OTD	Occupational Therapist
Early Assurance PharmD	Pre-Med & Patient Care	U of M College of Pharmacy	BSHS, Doctor of Pharmacy	Pharmacist
Early Assurance Physician Assistant	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHS, PA Masters	Physician Assistant
Early Assurance Respiratory Care	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHP, Program Certificate of Completion	Respiratory Therapist
Medical Laboratory Sciences	Research, Discovery & Cures	U of M College of Pharmacy	BSHS, Program Certificate of Completion	Medical Laboratory Scientist
BICB Integrated Degree Program	Health Technology	U of M College of Science and Engineering	BSHS, BICB MS	Bioinformatics and Computational Biologist
Health Coaching Integrated Degree Program	Mental Health & Well-being	Earl E. Bakken Center for Spirituality & Healing	BSHS, MA IHWC	Health and Wellbeing Coach
Cytotechnology	Research, Discovery & Cures	Mayo Clinic School of Health Sciences	BSHS, Program Certificate of Completion	Cytotechnologist
Medical Laboratory Sciences	Research, Discovery & Cures	Mayo Clinic School of Health Sciences	BSHS, Program Certificate of Completion	Medical Laboratory Scientist
Magnetic Resonance Imaging	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHS, Program Certificate of Completion	MRI Technologist/ Radiologist

UMR HEALTH CAREER PATHWAYS: ACADEMIC PARTNERS

Partnership Program	Focus Area	Academic Partner	Degree(s) Earned	Career
Nuclear Medicine Technology	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHS, Program Certificate of Completion	Nuclear Medicine Technologist
Surgical First Assistant	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHS, Program Certificate of Completion	Surgical First Assistant
Athletic Training	Pre-Med & Patient Care	Winona State University	BSHS, MS in Athletic Training	Athletic Trainer
Chiropractic	Pre-Med & Patient Care	Northwestern Health Sciences University	BSHS, DC	Chiropractor
Environmental Health Integrated Degree Program	Public Health	U of M School of Public Health	BSHS, MPH	Environmental Health
VetFAST	Pre-Med & Patient Care	U of M College of Veterinary Medicine	BSHS, DVM	Veterinarian
Radiography	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHP, Program Certificate of Completion	Radiographer
Echocardiography	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHP, Program Certificate of Completion	Echocardiographer
Sonography	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHP, Program Certificate of Completion	Sonographer
Respiratory Care	Pre-Med & Patient Care	Mayo Clinic School of Health Sciences	BSHP, Program Certificate of Completion	Respiratory Therapist
MBA	Business & Leadership	Labovitz School of Business and Economics	MBA	Career Advancement

UMR ALUMNI SERVING MINNESOTA AS HEALTH PRACTITIONERS



Hannah Elsenpeter '13

Hometown: St. Joseph, Minnesota

Current position/title and location: Physician, Family Medicine & Primary Care at Cuyuna Regional Medical Center in Crosby, Minnesota

What was the catalyst or the reason you decided to pursue a career in medicine? I chose to pursue a career in medicine (after much thoughtful consideration and career exploration!) because I felt it was the only career path that would allow me to simultaneously intertwine my passions for service to others, the scientific process, and curiosity with my

professional aspirations to make a direct, immediate and positive impact on my community. It is both challenging and rewarding, each and every day. I contemplated many fields within healthcare and science, in general, but none seemed to allow me to achieve the breadth of fulfillment that medicine has.

Why rural medicine? Through my medical school experiences, I was able to see, firsthand, the positive impact a physician could make on the health and well-being of an entire community, particularly a community that lacks many of the resources that larger cities have to offer. This empowered me to settle into a rural community of my own, become integrated within it and see and experience the challenges that my patients face on a day-to-day basis.

As a physician, once your eyes are opened to the needs of your own community, you become fueled to break down barriers, build bridges, and make specific changes (be it social, infrastructural, or other) to tackle those needs. This is the very best way to offer quality, compassionate, and practical healthcare for which so many patients yearn, in a way that makes a lasting, positive impact on the entire community.

How did your student success coach impact your time at UMR? My student success coach Parry impacted me during the entirety of my four years at UMR in numerous ways. He helped me explore many different career paths within health care, often challenging me on how each career would fit with my personal and professional goals. He notified me of opportunities within the school and within the community to learn more about different careers. He helped me prepare for the "professional" side of healthcare, along with faculty members, honing my interpersonal skills, test-taking skills, and application/interview skills. Most importantly, he was a constant for me during a time in life that seemed to hold so much weight. He really took the time to get to know me and navigate the uncertainty with me, coaching me and guiding me through each step of my own career journey.



Nick Baker '14

Area of Focus: Pre-Med and Patient Care

Hometown: White Bear Lake, Minnesota

Current Position/title and location: Surgical First Assistant, Mayo Clinic, Rochester, Minnesota

What was the reason you decided to pursue a career in health care? Choosing UMR's Bachelor of Science in Health Sciences (BSHS) degree gave me an area of study to focus on, without deciding on a career path before I was ready. The BSHS degree was the perfect academic base and the SFA program's relatively short path to start working sealed the deal for me. It gives a solid base for new hires, so their transition into the OR is seamless.

What was one factor that impacted your time at UMR: The biggest impact UMR had on my work today is the focus on group work and the communication a good team requires.



Nicole Folken '13

Area of Focus: Business and Leadership

Hometown: Rochester, Minnesota

Current position/title and location: Field Sales and Service Manager with Mayo Clinic Laboratories in Rochester, Minnesota

What was the catalyst or the reason you decided to pursue a career in health care? Growing up in the Med City with Mayo Clinic nearby, I was surrounded by the impact of healthcare from an early age. Most of my family worked there, which deepened my connection to the field and fueled my desire to help others. What excites me most about healthcare is its constant evolution—new technologies and treatments offer endless opportunities to grow while making a tangible difference in people's lives

What was one factor that really impacted your success at UMR? One factor that greatly impacted my success at UMR was the accessibility of professors and their genuine commitment to helping me succeed. They were approachable, supportive, and went beyond teaching to ensure I understood the material and felt confident in my progress.



Mohamed Addani '18

Area of Focus: Research Discovery and Cures

Hometown: Rochester, Minnesota, but originally from Somali

Current position/title and location: 5th year PhD Candidate, Mayo Clinic Graduate School of Biomedical Sciences

What was the catalyst or the reason you decided to pursue a career in health care? Always addicted to learning, I was awestruck to discover that PhD scientists not only inhabit the edge of knowledge but also possess the power to push those boundaries. It's this thrilling prospect of exploration and discovery that fuels my own aspirations.

What was one factor that really impacted your success at UMR? The intimate Learning Environment – UMR's small class sizes foster a unique learning environment where students have the opportunity to develop close relationships with their professors. This intimate setting encourages frequent and open dialogue, allowing students to ask questions, seek clarification and engage in deep discussions about complex topics.



Sarah Vang '21

Area of Focus: Pre-Med and Patient Care

Hometown: Zimmerman, Minnesota

Current position/title and location: Respiratory Therapist at the University of Minnesota Medical Center - East Bank

What was the catalyst or the reason you decided to pursue a career in health care? My parents were the reason I pursued a career in health care. At first, I disliked having to be like other Asian kids who went into health care for their parents, but working in health care has been very rewarding despite how exhausting it can be.

What was one factor that really impacted your success at UMR? The whole Rochester community played a big role in my success at UMR. This includes, the Chancellor, professors, success coaches, fellow classmates and many more at UMR to those in the Rochester Hmong community, and along with all the individuals I have had the opportunity to interact with while I was volunteering. When they say, it takes a village to raise a child, it really does. UMR did not only build a strong foundation for students through its values and aspirations, but also through its location.



Mason Schlieff '20

Area of Focus: Psychology & Mental Health

Hometown: Lowry, Minnesota

Current position/title and location: Care Coordinator-Team Lead and Clinical Intern, Zumbro Valley Health Center

What was the reason you decided to pursue a career in health care? I knew from a young age that I enjoyed helping others, and was excited to explore all the opportunities in health care.

What was a factor that impacted your success at UMR?

UMR's community partnerships gave me the opportunity to explore my passion for mental health in the course The Contemplation of Psychology & Mental Health Through Creativity. This course explored the current state of mental health globally, nationally and locally, and students were tasked with creating and implementing a creative session for adolescent patients at an inpatient psychiatric unit at Mayo Clinic.

Were you always set on the mental health pathway, or did your interests/career paths shift during your time at UMR? While I had found mental health to be fascinating, I initially focused on being an emergency medicine doctor. I then became interested in the field of nursing, with its many opportunities and focuses. It wasn't until my final year at UMR that I realized my passion for mental health. In addition, I was driven by the idea of working with underserved populations and the mental health field provided me with that challenge and sense of meaning.

In your current job, what do you enjoy the most? What fulfills you? In my current role, I enjoy being able to look creatively at gaps in care and work alongside individuals as they engage in treatment. I work with an integrated team and love being exposed to so many perspectives in a situation. When I am able to advocate for a client's needs, listen and provide support to someone who is struggling or connect someone with a much needed resource, it reminds me of how these small things can have such a deep impact on the lives of others.

How does the shortage of mental health resources and workers impact you and your daily work? Every day clients and I are faced with the shortage of mental health resources and workers. Clients can wait for months to receive the care they need, and may not be eligible for various reasons to receive the care they need. In addition, it is heartbreaking to see good providers leave the field due to lack of support, having to work with increasingly more ill individuals and families, and becoming fed up with how the system can fail those who need help. This has forced me to further embrace the perspective of creativity, to do the best we can with what we have and always look at things differently.



UNIVERSITY OF MINNESOTA ROCHESTER

University Health Sciences Across the State: Rochester

Board of Regents Special Committee on Academic Health | February 2025

Lori J. Carrell, PhD

Chancellor, University of Minnesota Rochester



UNIVERSITY OF MINNESOTA
Driven to DiscoverSM

UMR fosters a healthier Minnesota through education, innovation and partnerships

Current location:
Crosby



Hometown:
St. Joseph

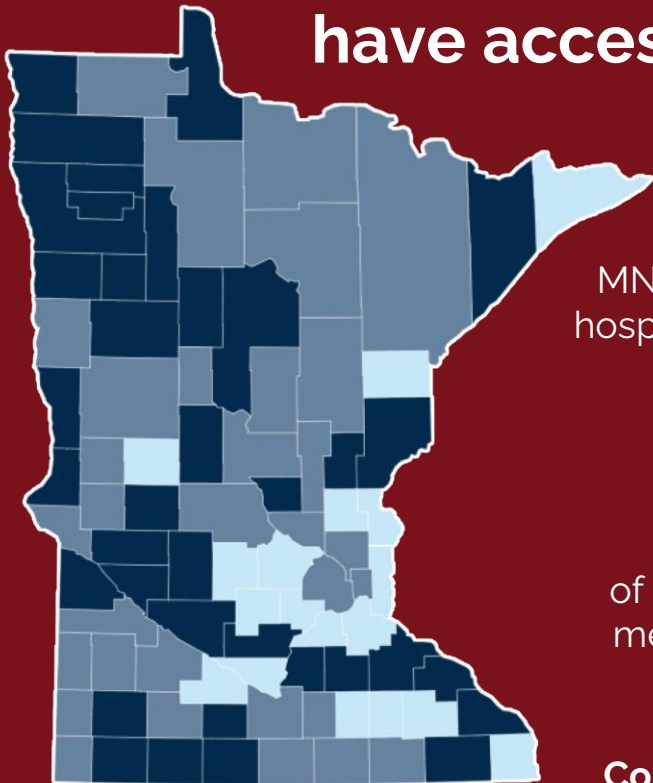


Meet Hannah Elsenpeter '13

Area of Focus:
Pre-Med and Patient Care

Current Position:
Family Medicine, OB, Primary Care at
Cuyuna Regional Medical Center

Our Shared Goal: Ensure that all Minnesotans have access to exceptional health care



source: MN Department of Health

18

MN counties lost or reduced hospital birth services between 2013 and 2023

3x more travel

for rural MN patients seeking inpatient mental health & chemical dependency treatment

80%

of MN counties designated mental health professional shortage areas

79%

of MN counties designated primary care physician shortage areas

County shortage area:



none



part



whole



Developing Human Potential for Minnesota's Future Health Care Workforce



Bachelor of Science completion



Childhood | Adolescence | High School Graduation

UMR: MN Health Career Starts Here!

UMN Graduate or Professional School

MN Health Career Launch

Health Challenges
 Summer STEM/SCRUBS Camps
 Exceptional STEM Education
 UMN Campus Visits
 Application, Acceptance and Financial Aid

Specializing in Health Careers
 Distinctive Undergraduate UMN Education



UMR's Contributions: A Powerful Future in Health Care Starts Here

WHAT IS THE STUDENT'S PASSION?



Pre-Med &
Patient Care



Psychology &
Mental Health



Business &
Leadership



Health
Technology



Public
Health



Research,
Discovery &
Cures

UMR's Contributions: Students from MN Health Care Deserts More Likely to Succeed



UMR's Contributions: Areas of Focus



Pre-Med &
Patient Care



Psychology &
Mental Health



Business &
Leadership



Health
Technology



Public
Health



Research,
Discovery &
Cures

UMR's Contributions: Location Advantage, Partners and Pathways



Regenerative
Biotherapeutics



Mayo Clinic School of
Health Sciences

Mayo Clinic Advanced
Diagnostics Laboratory



UMR Alumni Story



Meet Mason Schlieff '20

Area of Focus:

Psychology & Mental Health

Current position:

Care Coordinator-Team Lead at
Zumbro Valley Health Center

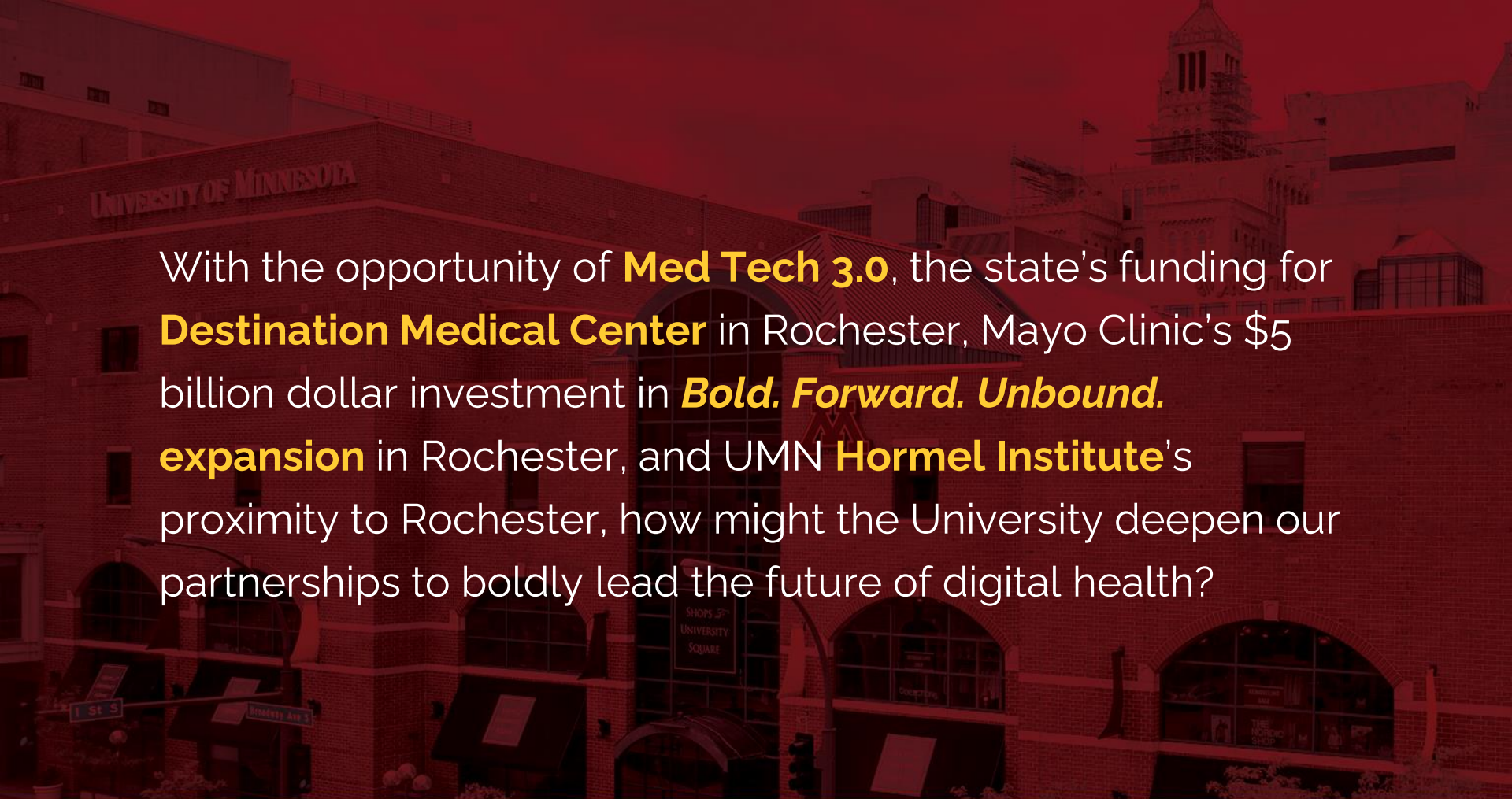
Hometown:

Lowry

Current location:

Rochester



A photograph of a brick building with arched windows and a sign that says 'UNIVERSITY OF MINNESOTA'. The image is overlaid with a semi-transparent red filter. The text is white and yellow, positioned in the center of the image.

With the opportunity of **Med Tech 3.0**, the state's funding for **Destination Medical Center** in Rochester, Mayo Clinic's \$5 billion dollar investment in ***Bold. Forward. Unbound.*** **expansion** in Rochester, and UMN **Hormel Institute's** proximity to Rochester, how might the University deepen our partnerships to boldly lead the future of digital health?





BOARD OF REGENTS DOCKET ITEM SUMMARY

Academic Health

February 13, 2025

AGENDA ITEM: Updates on a Bold Vision for Healthcare

Review

Review + Action

Action

Discussion

This is a report required by Board policy.

PRESENTERS: President Rebecca Cunningham
David Herman, Chief Executive Officer, Essentia Health

PURPOSE & KEY POINTS

The purpose of this item is to outline the bold new vision for Minnesota healthcare, including an update on progress made and an outline of next steps. Key topics include:

- strategic goals and core principles of the vision;
- collective strengths of the University, Essentia Health, and Fairview Health Services;
- urgent need for a new vision for Minnesota healthcare;
- early feedback and insights from community leaders and University stakeholders; and
- next steps.



A Bold Vision for Minnesota Healthcare

Board of Regents Academic Health Committee

Feb. 13, 2025



Vision

Position Minnesota to overcome its most pressing healthcare challenges and do what's best for patients.



The Status Quo in Minnesota Healthcare is Not Acceptable

Our Goals

1. Continue to strengthen and extend the best of what the University of Minnesota, Essentia Health and Fairview Health Services do.
2. Capitalize on what would become the broadest geographic healthcare reach of any healthcare entity in Minnesota.
3. Evolve our approach, partner in new ways, and invest in significant ways to best serve Minnesota.
4. Fundamentally enhance the healthcare we deliver to Minnesotans.



Embracing and Extending Our Best Qualities



Together, we offer a new Minnesota solution that combines our people, systems and capabilities to deliver a new level of seamless, expanded healthcare across the state.



Essentia Health: A Leader in Care, Culture, Value

- 14 hospitals, 80 clinics, 2,300 clinicians and nearly 16,000 employees
- Serves a largely rural footprint
- Flagship hospital in Duluth is a level I trauma center, rated five stars by Centers for Medicare and Medicaid Services
- Demonstrated success in building a sustainable culture, which delivers quality and operational excellence
- Physician-led system focused on “value-based care”
- Long-standing partner in clinical care, education and research



University of Minnesota: Vital to All Minnesotans' Health

- Treats more than one million Minnesotans/year
- Ensures the workforce of the future for all Minnesota healthcare providers
- An economic engine for healthcare discovery and innovation
 - Producing annual economic impact of \$11.5 billion, more than 89,000 jobs, and \$676 million in tax benefit
- Engages in outreach and partnerships across every county in Minnesota
- Serves the needs of rural, Tribal, and other underserved communities



A Transformational Healthcare Solution to Benefit All of Minnesota



Patients



Healthcare Providers



Healthcare Employees



All Minnesotans



U of M Students



Our Guiding Principles

1. Put patients first
2. Operate as a single entity
3. Allocate investments and resources where they can do the most good
4. Hold down the costs of care while ensuring financial support
5. Respect the unique capacities, market conditions of providers and communities
6. Maximize the benefits of the University's teaching, training and research
7. Infuse the values of evidence-based medicine and research
8. Play an expanding role in value-based care and other innovative models
9. Governance that fairly represents all involved organizations



An Urgent Need for a Bold Vision

- Need to ensure the viability of the University of Minnesota Medical School — the public educator and trainer of more than 70% of Minnesota’s physician workforce
- Risk to the Medical School’s clinical care, education and research mission
- Overdue investments in patient care facilities
- Ensuring the new entity remains in Minnesota
- Provides the solution Minnesotans need – today and well into the future

Initial Positive Feedback

Community Leaders

- Health systems and hospitals
- Elected officials and other key influencers
- Leaders with knowledge of the healthcare sector and Minnesota's healthcare needs

University Stakeholders

- University of Minnesota and M Physicians leaders
- Health sciences community
- University of Minnesota community





UNIVERSITY OF MINNESOTA

Driven to Discover[®]

Crookston Duluth Morris Rochester Twin Cities

The University of Minnesota is an equal opportunity educator and employer.